NOTE NO.1

LEADS CONNECTED TO LEFT SIDE OF 120 POINT TERMINAL BLOCK—

TERMINAL NUMBER	TERMINATING POINT	COLOR
1	P 7	BK
	N 8	BK
2	P 9	W
	N A	W
3	P 11	R
	N B	R
4	P 13	G
	N C	G
5	P 21	O
	N D	O
6	P 15	BL
	N E	BL
7	P 28	Y
	N H	Y
8	P 22	S
	N G	S
9	P 35	P
	N K	P
10	P 29	BR
	N J	BR
11	P 42	BK
	N M	BK
12	P 36	W
	N L	W
13	P 43	G
	N P	G
14	P 37	BL
	N R	BL
15		
16	C 1	R
17	S 1	S
	J 7	O
18	L 7	O
	K 8	O
19	C 7	W
20	S 7	BK
21	M 6	R
22		
23	C 12	S
24	P 3	R
25	Q 1	R
	H Q	R
26	Q 4	W
	H P	W
27	Q 5	BK
	H N	BK
28		
29	S 12	BL
30	P 10	BL
34	C 19	W
	M 38	W
32	C 21	R
	N 17	R
33	M 31	BR
	S 19	BR
34	N 14	P
	S 21	P
35	U 24	BK
	M 24	BK
36	D 21	G
	N 11	G
37	M 17	P
	U 19	P
38	N 8	Y
	U 21	Y
39	B 19	S
	M 10	S
40	B 21	BL
	N 5	BL
41	M 3	BR
	T 19	BR
42	N 2	O
	T 21	O
43	C 8	O
	P 4	O
44	P 11	BK
	S 8	BK
45	D 8	G
	P 18	G
46	P 25	R
	U 8	R
47	B 8	W
	P 32	W
48	P 39	BL
	T 8	BL
49	C 20	BK
50	C 17	S
51	C 16	BR
52	C 14	W
53	C 18	G

TERMINAL NUMBER	TERMINATING POINT	COLOR
54	C 9	Y
	C 13	Y
55	C 4	O
	E I	O
56	C 3	Y
	E 3	Y
57	E 4	G
58	C 10	BK
59	S 20	S
60	S 17	O
61	S 18	W
62	S 14	R
63	S 18	BL
64	S 9	G
	S 13	G
65	S 4	BR
	V I	BR
66	V 3	P
67	V 4	W
68	S 10	Y
69	D 20	O
70	D 17	BR
71	D 18	S
72	D 14	P
73	D 18	BL
74	D 9	R
	D 13	R
75	D 4	S
	F I	S
76	D 3	P
77	F 4	O
78	D 10	BK
79	U 20	W
80	U 17	G
81	U 16	O
82	U 14	BL
83	U 18	R
84	U 9	P
	U 13	P
85	U 4	G
	W I	G
86	U 3	W
	W 3	W
87	W 4	P
88	U 10	R
89	B 20	O
90	B 17	BR
91	B 14	W
92	B 18	P
93	B 9	R
94	B 13	R
95	B 4	Y
	G I	Y
96	B 3	BK
	G 3	BK
97	G 4	O
98	B 10	BK
99	T 20	BL
100	T 17	R
101	T 16	P
102	T 14	BR
103	T 18	G
104	T 9	S
	T 13	S
105	T 4	O
	X I	O
106	T 3	P
	X 3	P
107	X 4	BK
108	T 10	R
109	D 12	BR
110	P 17	BR
111	U 12	W
112	P 24	W
113	B 12	O
114	P 31	O
115	T 12	P
116	P 38	P
117	H Z	G
118		
119	J I	BK
	K 5	BK
	L I	BK
120	C 25	W
	S 25	W

A
120 POINT TERMINAL BLOCK

6 POINT TERMINAL STRIP

128669

68 - F102 - BK
88 - F104 - BK
108 - F106 - BK

128598

128597

58 - F101 - BK
78 - F103 - BK
98 - F105 - BK

SEE NOTE NO.1

SEE NOTE 5

SEE NOTE 4

128599

F101
3.2 AMP FUSETRON
SEE NOTE NO.2

F103
3.2 AMP FUSETRON

F105
3.2 AMP FUSETRON

F107
3.2 AMP FUSETRON

F108
1 AMP FUSE

STRAPPING INCLUDED IN CABLE 128599

ELECTRICAL NOISE SUPPRESSOR

115 V. A.C.
UNGROUNDED SIDE
GROUNDED SIDE
OFFICE GROUND

ACTUAL WIRING AS VIEWED FROM THE FRONT OF THE CABINET.

B
LOWER LEVEL LEFT SIDE

C
UPPER LEVEL LEFT SIDE

RELAY GROUP 27 SLOT CONNECTOR

D
MIDDLE LEVEL LEFT SIDE

UPPER RECEIVING LEVEL LEFT SIDE

MIDDLE RECEIVING LEVEL LEFT SIDE

136657

LOWER RECEIVING LEVEL LEFT SIDE

H
24 POINT CONNECTOR

COVER CONNECTOR TERMINALS AND ASSOCIATED WIRE WITH 1/2 INCH SLEEVING - RM6002

128597

B

LOWER LEVEL LEFT SIDE

C

UPPER LEVEL LEFT SIDE

RELAY GROUP 27 SLOT CONNECTOR

D

MIDDLE LEVEL LEFT SIDE

SEE NOTE 13

E

TYPING REPERFORATOR 15 SLOT CONNECTOR

UPPER RECEIVING LEVEL LEFT SIDE

MIDDLE RECEIVING LEVEL LEFT SIDE

LOWER RECEIVING LEVEL LEFT SIDE

F

G

136657

H

24 POINT CONNECTOR

COVER CONNECTOR TERMINALS AND ASSOCIATED WIRE WITH 1/2 INCH SLEEVING - RM60024

128597

LEFT SIDE OPEN LINE ALARM

LOWER MIDDLE UPPER

OPEN LINE ALARM RESET

TAPE OUT ALARM L SIDE

TAPE OUT ALARM R SIDE

OPEN LINE ALARM RESET

RIGHT SIDE OPEN LINE ALARM

LOWER MIDDLE UPPER

SEE NOTE 12

TERMINAL SIDE OF REAR CONTROL PANEL AS VIEWED FROM FRONT OF CABINET

BK AND O STRAPPING INCLUDED IN ASSOCIATED CABLE

J

OPEN LINE ALARM

SEE NOTE 12

OPEN LINE ALARM RESET

TAPE OUT ALARM

LOWER LEVEL MIDDLE LEVEL UPPER LEVEL

LEFT SIDE

K

FRONT CONTROL PANELS AS VIEWED FROM REAR OF PANELS. (DOORS HINGED OPEN)

SEE NOTE 12

RIGHT SIDE

OPEN LINE ALARM

OPEN LINE ALARM RESET

TAPE OUT ALARM

L

M

REPERFORATOR JACKS REAR PANEL UPPER

N

SIGNAL LINE JACKS REAR PANEL LOWER

P

Q

REPERFORATOR JACKS FRONT PANEL UPPER

TRANSMITTER CIRCUIT JACK

TRANSMITTER OUTLET 96100 BK

96100 BK

R

SIGNAL LINE JACKS FRONT PANEL LOWER

128599

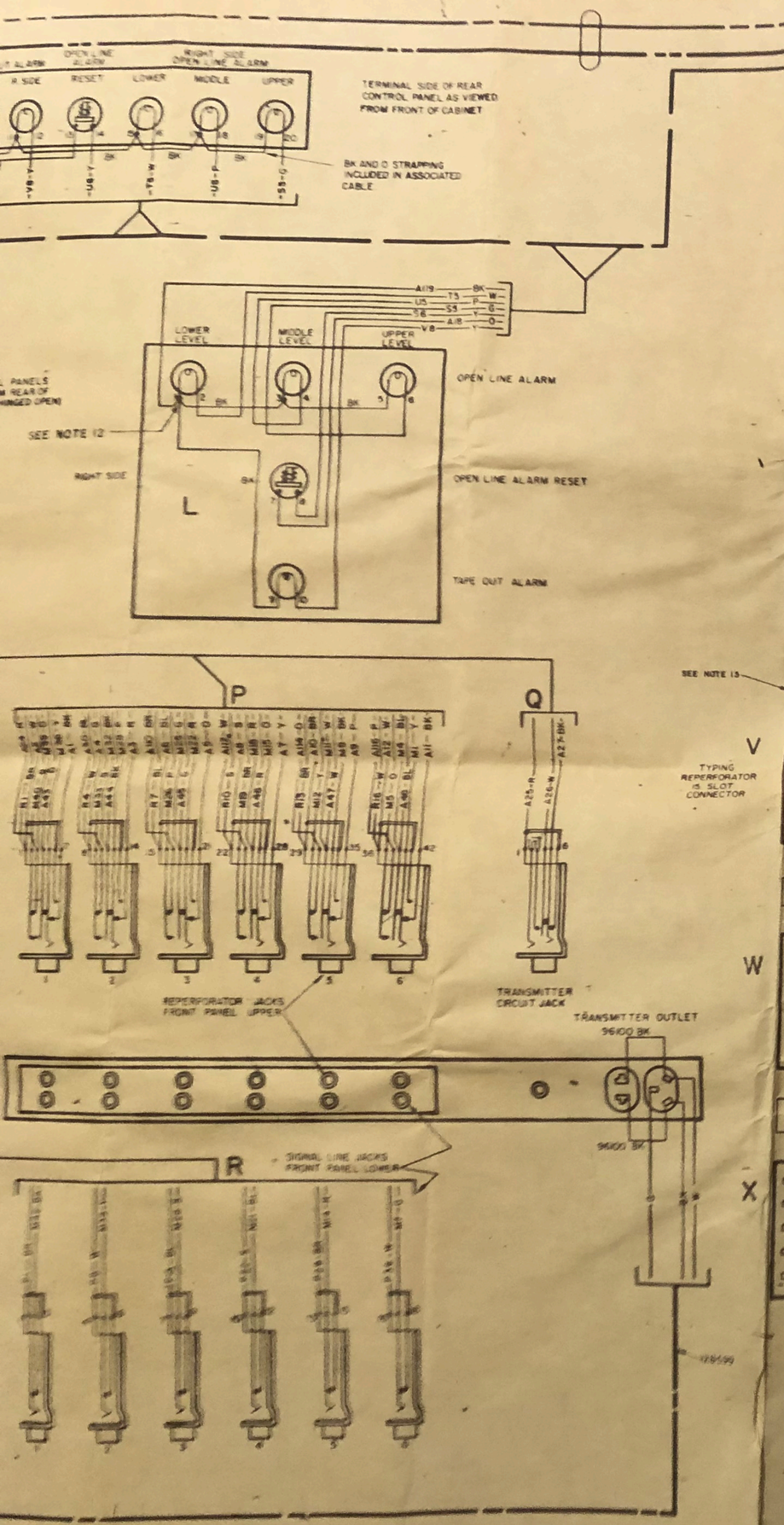
SEE NOTE 13

V

TYPING REPERFORATOR 15 SLOT CONNECTOR

W

X




NO.	NOTES
1	SEE NOTE NO 1 LOCATED AT LEFT MARGIN OF DIAGRAM
2	MOTOR POWER FUSETRON OR FUSTAT AND ALTERNATE FUSE PROTECTION MOTOR — FUSETRON OR FUSTAT — ALTERNATE FUSE 115 V A C - 60 CYCLE SYN — 3.2 AMP — 6 AMP 115 V A C - 60 CYCLE GOV — 1.6 AMP — 3 AMP
3	ASSOCIATED CABLES 128569 A C POWER R SIDE 128598 CONTROL R SIDE 128599 A C POWER L SIDE 128597 CONTROL L SIDE 136650 TAPE FEED OUT 136651 TAPE FEED OUT STRAPS ON JACKS AND TERMINAL BLOCK - 39522 RM PLASTIC TUBING FOR STRAPS - 60019 RM POINT SIDE
4	COLOR CODED STRAPPING INCLUDED IN ASSOCIATED CABLE
5	STRAPPING INDICATED BY DOUBLE LINE (═══) IS NOT INCLUDED IN FORMED CABLE
6	WIRE COLOR CODE AND SYMBOLS Y YELLOW — O ORANGE G GREEN — SL SLATE BR BROWN — R RED P PURPLE — BK BLACK W WHITE — BL BLUE
7	FEMALE AND MALE CONNECTORS SHOWN FROM SLOT AND PRONG SIDES
8	ASSOCIATION OF JACKS, LEVELS, AND CIRCUITS JACK NUMBER — LEVEL — CIRCUIT 1 UPPER-LEFT SIDE 1 2 UPPER-RIGHT SIDE 2 3 MIDDLE-LEFT SIDE 3 4 MIDDLE-RIGHT SIDE 4 5 LOWER-LEFT SIDE 5 6 LOWER-RIGHT SIDE 6
9	ALL 6 CIRCUITS OF THIS CABINET ARE WIRED FOR AUTOMATIC TAPE FEED OUT. TO CONVERT ANY ONE CIRCUIT TO MANUAL TAPE FEED OUT, REMOVE THE FOLLOWING STRAP FROM THE RIGHT HAND SIDE OF THE 120 POINT TERMINAL BLOCK "A" CIRCUIT: 1 2 3 4 5 6 TERMINALS 56 TO 57 66 TO 67 76 TO 77 86 TO 87 96 TO 97 106 TO 107
10	FOR SPARE TYPING REPERFORATOR STRAP THE FOLLOWING TERMINALS CIRCUIT: 1 2 3 4 5 6 TERMINALS: 23 TO 24 29 TO 30 109 TO 110 111 TO 112 113 TO 114 115 TO 116 CIRCUIT 4 IN THIS CABINET IS WIRED AS THE SPARE REPERFORATOR
11	REFER TO 2817WD FOR SCHEMATIC OF AC249 & AC252
12	LAMP SOCKETS INCLUDE A 50 000 OHM RESISTOR, CONNECT RESISTOR TO COMMON
13	SIGNAL LINE JACKS ARE PROVIDED IN AC251 ONLY. THE LEADS SHOWN DOTTED ARE CONNECTED TO THE JACKS IN AC250 AND TO THE JUMPER PLUGS IN AC249 AND AC252.
14	TAPE FEED-OUT CONTACT ON RING SHOWN DOTTED IS PROVIDED ON AC251 ONLY

REVISIONS
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

RTTY ELECTRONICS
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2799WD
12-18-52
WIRING DIAGRAM FOR RECEIVING CABINETS AC249 AC252 AC261

TELETYPE CORPORATION



NOTE NO.1
LEADS CONNECTED TO LEFT SIDE OF 120 POINT TERMINAL BLOCK
TERMINAL NUMBER
TERMINATING POINT
COLOR
6 POINT TERMINAL STRIP
58-F101-BK
78-F103-BK
98-F105-BK
68-F102-BK
88-F104-BK
108-F106-BK
128669
128598
128597
128599
SEE NOTE NO.1
SEE NOTE 5
SEE NOTE 4
A
120 POINT TERMINAL BLOCK
F101
3.2 AMP FUSETRON
SEE NOTE NO.2
F103
3.2 AMP FUSETRON
F105
3.2 AMP FUSETRON
F107
3.2 AMP FUSETRON
F108
1 AMP FUSE
STRAPPING INCLUDED IN CABLE 128599
ACTUAL WIRING AS VIEWED FROM THE FRONT OF THE CABINET.
ELECTRICAL NOISE SUPPRESSOR
115 V. A.C.
UNGROUNDED SIDE
GROUNDED SIDE
OFFICE GROUND
B
LOWER LEVEL LEFT SIDE
RELAY GROUP 27 SLOT CONNECTOR
C
UPPER LEVEL LEFT SIDE
D
MIDDLE LEVEL LEFT SIDE
SEE NOTE 13
E
TYPING REPERFORATOR 15 SLOT CONNECTOR
F
G
UPPER RECEIVING LEVEL LEFT SIDE
MIDDLE RECEIVING LEVEL LEFT SIDE
LOWER RECEIVING LEVEL LEFT SIDE
136657
H
24 POINT CONNECTOR
COVER CONNECTOR TERMINALS AND ASSOCIATED WIRE WITH 1/2 INCH SLEEVING - RM60024
LEFT SIDE OPEN LINE ALARM
LOWER
MIDDLE
UPPER
OPEN LINE ALARM RESET
TAPE OUT ALARM
L SIDE
R SIDE
RIGHT SIDE OPEN LINE ALARM
SEE NOTE 12
J
TERMINAL SIDE OF REAR CONTROL PANEL AS VIEWED FROM FRONT OF CABINET
BK AND O STRAPPING INCLUDED IN ASSOCIATED CABLE
LOWER LEVEL
MIDDLE LEVEL
UPPER LEVEL
OPEN LINE ALARM
OPEN LINE ALARM RESET
TAPE OUT ALARM
K
LEFT SIDE
FRONT CONTROL PANELS AS VIEWED FROM REAR OF PANELS (DOORS HINGED OPEN)
L
RIGHT SIDE
M
REPERFORATOR JACKS REAR PANEL UPPER
N
SIGNAL LINE JACKS REAR PANEL LOWER
P
REPERFORATOR FRONT PANEL JACKS
Q
TRANSMITTER CIRCUIT JACK
TRANSMITTER OUTLET
96100 BK
R
SIGNAL LINE JACKS FRONT PANEL LOWER
S
UPPER LEVEL RIGHT SIDE
RELAY GROUP 27 SLOT CONNECTOR
T
LOWER LEVEL RIGHT SIDE
U
MIDDLE LEVEL RIGHT SIDE
V
TYPING REPERFORATOR 15 SLOT CONNECTOR
W
X
UPPER RECEIVING LEVEL RIGHT SIDE
MIDDLE RECEIVING LEVEL RIGHT SIDE
LOWER RECEIVING LEVEL RIGHT SIDE
136650
STRAPPING INCLUDED IN CABLE 128669
F102
3.2 AMP FUSETRON
SEE NOTE 2
F104
3.2 AMP FUSETRON
F106
3.2 AMP FUSETRON
RECTIFIER POWER SWITCH
Y
+ GND.
+ POLAR
RECTIFIER RECEPTACLES
DC
AC
NOTES
1 SEE NOTE NO 1 LOCATED AT LEFT MARGIN OF DIAGRAM
2 MOTOR POWER FUSETRON OR FUSTAT AND ALTERNATE FUSE PROTECTION
MOTOR / FUSETRON OR FUSTAT / ALTERNATE FUSE
115 V A.C. 60 CYCLE SYN / 3.2 AMP / 6 AMP
115 V A.C. 60 CYCLE GOV / 1.6 AMP / 3 AMP
3 ASSOCIATED CABLES
128669 A.C. POWER R. SIDE
128598 CONTROL R. SIDE
128599 A.C. POWER L. SIDE
128597 CONTROL L. SIDE
TAPE FEED OUT RIGHT SIDE
TAPE FEED OUT LEFT SIDE
STRAPS ON JACKS AND TERMINAL BLOCK - 39522 RM
PLASTIC TUBING FOR STRAPS - 60019 RM
4 COLOR CODED STRAPPING INCLUDED IN ASSOCIATED CABLE
5 STRAPPING INDICATED BY DOUBLE LINE ( ) IS NOT INCLUDED IN FORMED CABLE.
6 WIRE COLOR CODE AND SYMBOLS
Y YELLOW
G GREEN
BR BROWN
P PURPLE
W WHITE
O ORANGE
S SLATE
R RED
BK BLACK
BL BLUE
7 FEMALE AND MALE CONNECTORS SHOWN FROM SLOT AND PRONG SIDES
8 ASSOCIATION OF JACKS, LEVELS, AND CIRCUITS
JACK NUMBER / LEVEL / CIRCUIT
1 UPPER-LEFT SIDE 1
2 UPPER-RIGHT SIDE 2
3 MIDDLE-LEFT SIDE 3
4 MIDDLE-RIGHT SIDE 4
5 LOWER-LEFT SIDE 5
6 LOWER-RIGHT SIDE 6
9 ALL 6 CIRCUITS OF THIS CABINET ARE WIRED FOR AUTOMATIC TAPE FEED OUT. TO CONVERT ANY ONE CIRCUIT TO MANUAL TAPE FEED OUT, REMOVE THE FOLLOWING STRAP FROM THE RIGHT HAND SIDE OF THE 120 POINT TERMINAL BLOCK "A"
CIRCUIT: 1 2 3 4 5 6
TERMINALS 56 TO 57 66 TO 67 76 TO 77 86 TO 87 96 TO 97 106 TO 107
10 FOR SPARE TYPING REPERFORATOR STRAP THE FOLLOWING TERMINALS
CIRCUIT: 1 2 3 4 5 6
TERMINALS: 23 TO 24 29 TO 30 109 TO 110 111 TO 112 113 TO 114 115 TO 116
CIRCUIT 4 IN THIS CABINET IS WIRED AS THE SPARE REPERFORATOR
11 REFER TO 2817WD FOR SCHEMATIC OF AC249 & AC252
12 LAMP SOCKETS INCLUDE A 30,000 OHM RESISTOR. CONNECT RESISTOR TO COMMON.
13 SIGNAL LINE JACKS ARE PROVIDED IN AC261 ONLY. THE LEADS SHOWN DOTTED ARE CONNECTED TO THE JACKS IN AC261 AND TO THE JONES PLUG IN AC249 AND AC252.
14 TAPE FEED-OUT CONTACT WIRING SHOWN DOTTED IS PROVIDED ON AC261 ONLY.
REVISIONS
2799WD
WIRING DIAGRAM FOR RECEIVING CABINETS AC249 AC252 AC261
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TELETYPE=Sales-Service-Parts
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